



Attorney's Docket No.: 11750-002001 / 2274032/PO9462/97-MJC

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William Harold Jay  
Serial No. : 09/509,301  
Filed : March 23, 2000  
Title : ION EXCHANGE

Art Unit : 5071  
Examiner : Chester Barry

Commissioner for Patents  
Washington, D.C. 20231

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APR 16 2002  
TC 1700

RESPONSE TO OFFICE ACTION DATED OCTOBER 1, 2001

In response to the Office Action dated October 1, 2001 ("Office Action"), please amend the application as follows:

In the specification:

Amend the paragraph beginning at page 1, line 7 as follows:

a1 -- Ion exchange resins are generally manufactured in bead or particulate form from polymers such as polystyrene-divinyl benzene, acrylic, or phenol-formaldehyde condensates. It has been proposed that ion exchange fibres can be produced from either polyacrylonitrile onto which active ligands can be attached, or polypropylene fibres on to which polystyrenedivinyl benzene can be grafted. Polyurethane foams have been proposed in PCT/AU93/00312 and PCT/AU94/00793 which are incorporated herein in their totality by reference. --

Amend the paragraph beginning at page 3, line 15 as follows:

a2 -- In U.S. Patent No. 4,725,629 a superabsorbent polyurethane foam is described which is based upon an interconnecting polymer network of a cross-linked polyurethane and a cross-linked addition polymer containing a plurality of chain segments made up of functional groups containing repeating units which may be the same or different. These superabsorbent polymers

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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